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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/772,765
		Filing Date	Feb 4, 2004
		First Named Inventor	Bujas, Roko S.
		Art Unit	2856
		Examiner Name	Christensen, Ryan S.
Total Number of Pages in This Submission	8	Attorney Docket Number	81676 0703

ENCLOSURES *(Check all that apply)*

- [ ] Fee Transmittal Form
  - [ ] Fee Attached
- [ ] Amendment / Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ Incomplete Application
  - [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53
- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
  - [ ] Landscape Table on CD
- [ ] After Allowance communication to (TC)
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- [ ] Proprietary Information
- [ ] Status Letter
- [x] Other Enclosure(s) (please identify below):

Please see remarks below.

Remarks

Request for Certificate of Correction (6 pages)

Certificate of Correction PTO/SB/44 (1 page)

Return receipt postcard

Certificate of Correction

MAY 31 2007

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	FITCH, EVEN, TABIN & FLANNERY		
Signature			
Printed name	Thomas F. Lebens		
Date	May 24, 2007	Reg. No.	38221

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Thomas F. Lebens	Date	May 24, 2007

DOCKET NO. 81676/0703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/772,765
Applicant(s)	:	Bujas, et al.
Filed	:	2/4/2004
TC/A.U.	:	2856
Examiner	:	Christensen, Ryan S.
Docket No.	:	81676
Customer No.	:	22242
Confirmation No.	:	5701

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Thomas F. Lebens
Registration No. 38,221
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REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 C.F.R. § 1.322

Certificate of Correction Branch
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is a Certificate of Correction for United States Patent 7,178,384 B2 issued February 20, 2007. Upon reviewing the patent, the following errors were noted and should be corrected as follows:

In the CLAIMS:

Claim 5, column 12, line 21, change "(14CO)" to --(^{14}CO)--.

Claim 11, column 13, line 35, delete "baffler" and insert --barrier--.

Claim 12, column 14, line 22, delete "baffler" and insert --barrier--.

Claim 15, column 14, line 33, change "(14CO)" to --^{14}CO--.

The Certificate of Correction sets forth these corrections.

Remarks

A review of these documents confirms that the errors were made in the printing of the patent. Please see Exhibit "A", pages 3, 5, and 6 from the Amendment and Response filed with the USPTO on September 8, 2006, for the following corrections:

Correction to Claim 5, please see page 3, claim 5, line 2;

Correction to Claim 11, please see page 5, claim 21, line 13;

Correction to Claim 12, please see page 6, claim 22, line 4; and

Correction to Claim 15, please see page 6, claim 25, line 4.

Since these errors for which a Certificate of Correction is requested are a result of the United States Patent and Trademark Office mistake, no fee is due (35 U.S.C. § 254). Please charge any deficiency or overpayment in fees to Deposit Account 06-1135.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

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3. (original) The method for measuring permeation according to claim 2 wherein a relative humidity of HTO between about 85% and 100% is supplied to the first chamber throughout the entire test period for the sample.

4. (original) The method for measuring permeation according to claim 1 wherein said radioactive gas is HTO and said carrier gas is dry methane.

5. (original) The method for measuring permeation according to claim 1 wherein said radioactive gas is carbon^{14} monoxide (^{14}CO).

6. (original) The method for measuring permeation according to claim 5 wherein said carrier gas is dry argon.

7. (original) The method for measuring permeation according to claim 1 wherein said carrier gas enters said second chamber at a pressure just sufficient to maintain the desired very slow flow and is vented to the atmosphere through an absorption device which removes all of said radioactive compound from said carrier gas stream.

8. (original) The method for measuring permeation according to claim 7 wherein said carrier gas enters at a pressure of not greater than about 1.1 atm.

9-18 (cancelled)

19. (original) A method for testing a perimeter seal including adhesive material for ultralow permeation therethrough using a radioactive compound, which method comprises the steps of:

providing two plates, one of which has an opening therethrough which is spaced from the edges thereof, and assembling said plates so their facing surfaces are spaced substantially equidistant to each other by a continuous seal that includes adhesive material and encircles said opening,

means for supplying a radioactive gas to the first chamber where it will be in contact with the line of adhesive between said plates,

means for circulating a slow flow of carrier gas through the second chamber to provide a stream containing the radioactive gas permeating through the line of adhesive,

conduit means for flowing said stream from said second chamber to an ionic chamber that contains a radiation monitor for continuously monitoring said stream for beta particle radioactivity and for creating signals indicative of radioactivity, said ionic chamber having a volume not greater than about 2 liters, and

conversion means for receiving signals from said radiation monitor and converting the signals to calculate the permeation rate through the sample at that moment, whereby the sensitivity is such as to detect permeation of radioactive gaseous compounds through a sample line of adhesive that has barrier properties which permit permeation at a rate of less than 0.0001 $gm/m^2/day$.

22. (new) A method for measuring ultralow permeation through a sample using a radioactive compound, which method comprises the steps of:

mounting a sample through which permeation is to be measured so as to provide controlled access to an upstream surface of the sample in a first chamber and to a downstream surface thereof in a second chamber, wherein said second downstream chamber has a volume of not greater than about 10 cm^3,

supplying carbon^{14} monoxide (^{14}CO) from a source so as to be in contact with the upstream surface of the sample in the first chamber,

collecting ^{14}CO permeating from the downstream surface of the sample by circulating a very slow flow of dry carrier gas at a rate of not greater than about 1.5 liter per hour through the second chamber to provide a radioactive stream,

flowing said radioactive stream from said second chamber to an entrance to an ionic chamber not greater than about 2 liters in volume containing a beta-particle radiation monitor,

continuously monitoring said stream for beta particle radioactivity and generating signals, and

receiving signals from said radiation monitor in conversion means and converting the signals to calculate the permeation rate through the sample at that moment, whereby the sensitivity of the method allows measurement of permeation of ^{14}CO through samples that have barrier properties which permit permeation at rates of less than 0.0001 gm/sq.m/day.

23. (new) The method for measuring permeation according to claim 22 wherein ^{14}CO is supplied to the first chamber at a pressure slightly above ambient.

24. (new) The method for measuring permeation according to claim 22 wherein said carrier gas is dry argon.

25. (new) The method for measuring permeation according to claim 22 wherein said carrier gas enters said second chamber at a pressure just sufficient to maintain the desired very slow flow and is vented to the atmosphere through an absorption device which removes all of said ^{14}CO from said carrier gas stream.

26. (new) The method for measuring permeation according to claim 25 wherein said carrier gas enters at a pressure of not greater than about 1.1 atm.

27. (original) The method for measuring permeation according to claim 22 wherein said sample is a polymeric film.

28. (original) The method for measuring permeation according to claim 22 wherein said sample is line of adhesive of uniform width disposed between two flat plates.

PTO/SB/44 (04-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,178,384
APPLICATION NO.: 10/772,765
DATED : February 20, 2007
INVENTOR(S) : Bujas, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the CLAIMS:

Claim 5, column 12, line 21, change "(14CO)" to --(^{14}CO)--.

Claim 11, column 13, line 35, delete "baffler" and insert —barrier--.

Claim 12, column 14, line 22, delete "baffler" and insert —barrier--.

Claim 15, column 14, line 33, change "(14CO)" to —^{14}CO--.

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PATENT NO: 7,178,384

MAY 31 2007